



## 2004 Manned Submersible Tract

### Underwater Intervention 2004

Feb 17-19<sup>th</sup>, 2004 in New Orleans

- 1. Field Operations of Manned Glider Submersibles**  
Karl Stanley  
Stanley Submarines  
Roatan, Honduras
- 2. Dam Inspections using Manned Submersibles and High Definition Side Scan Technology**  
William Kohnen, SEAmagine Hydrospace Corp.  
Claremont, CA USA  
Tim Beaver, Global Diving and Salvage  
Seattle, WA USA
- 3. Manned Submersibles in Conservation Science**  
Stephen Gittings  
NOAA National Marine Sanctuaries  
Silversprings, MD USA
- 4. Sustainable Seas: the Vision, the Reality**  
Sylvia Earle, Liz Taylor  
DOER Marine  
Alameda, CA USA
- 5. Operation Coconut or the Pina Colada Wreck**  
James Sinclair  
Nautical Archaeology  
Miami, FL USA
- 6. Combining Manned Submersibles and Commercial Diving for Effective Subsea Intervention**  
William Kohnen  
SEAmagine Hydrospace Corp.  
Claremont, CA USA
- 7. Effects of the ASME PVHO-1 Standard on Manned Submersible Viewports**  
Dr. Jerry D. Stachiw  
Stachiw Associates  
Rockport, Texas USA
- 8. The ABCs of ABS Classing**  
Phil Ziegler  
ABS Americas  
Houston, TX USA
- 9. System Considerations on Manned Vehicle Design**  
Robert Brown  
Woods Hole Oceanographic Institution  
Woods Hole, MA USA

**10. Acoustic Positioning for Manned Submersibles**

Marco Flagg  
Desert Star Systems  
Marina, CA USA

**11. Critical Aspects of Manned Vehicle Communication Systems**

Jerry Peck  
Ocean Technology Systems  
Santa Ana, CA USA

**12. Underwater Illumination for Manned Submersibles**

Ronan Gray  
DeepSea Power & Light  
San Diego, CA USA

**PANEL DISCUSSION**

**Practical Considerations for Manned Submersible Operations**

*PANELISTS*

**1. Legal**

David Concannon  
Law Office of D. Concannon  
Wayne, PA USA

**2. Design**

Dr. Jerry Stachiw  
Stachiw Associates  
Rockport, TX USA

**3. Regulation**

Phil Ziegler  
American Bureau of Shipping  
Houston, TX USA

**4. Design Safety**

Don Walsh  
International Maritime Inc.  
Myrtle Point, OR USA

**5. Insurance**

John Fisk  
John W. Fisk Insurance  
New Orleans, LA USA

**6. Safety of Operation**

John Pritzlaff  
MTS Manned Submersibles Committee (Retired)  
PA, USA